Region 6 Sample Control Center, e-mail to warren.christy@epa.gov or to perez.myra@epa.gov

REQUEST FOR LABORATORY SAMPLE ANALYSES

Site Name: Lane Plating Works Inc. site	City/State: Dallas, Texas	CERCLIS #: TXN000605240
GPRA Account #:2019 T 06L 303DD2 A6ASCO00	Site Spill ID # A6AS	Type of Investigation/Purpose: RI/FS
EPA SAM, RPM, OSC: Kenneth Shewmake (RPM) Mail Code: 6SF-RA	Analytical Turnaround Time Region 6 Lab: 35__X__ CLP Organics: 7___ 14__ 21_X__ CLP Inorganics: 7___ 14___ 21 X__	Type of Contract: EPA RAC Contractor: Mark Paddack Direct: 972-315-3922 x 1214 Cell: 214-535-1844 Aaron Bugher Direct: 972-315-3922 x 1243 Cell: 405-642-1017
		Shipping Contact: Mark Paddack and Aaron Bugher
Telephone #: 214-665-3198	Are preliminary results required? 48 hrs VOA ( ) Yes (X) No 72 hrs Extractables ( ) Yes (X) No 72 hrs Inorganics ( ) Yes (X) No	Telephone #: see above
Fax #:		On Site Ph #:
		E-Mail address: Mark Paddack mpaddack@eaest.com Aaron Bugher abugher@eaest.com
(915) Potential Enforcement Action? () Yes (X) No	Requires justification and prior approval.	Date Sample Control Center Received Request For Sample Analysis:
Proposed Sampling Period: week of May 13, 2019		

Please assure that this request for analytical services has been signed and dated by the appropriate Site Assessment Manager, Remedial Project Manager, or On Scene Coordinator. Please assure that the Sample Control Center has a copy of all relevant Quality Assurance Project Plans (QAPPs) and Sampling and Analysis Plans (SAPs).

Is the QAPP, QASP, SAP, O&M Plan, GWMP, DAW, or other relevant plan being submitted with this Request for Sample Analyses? If no, please explain (expected date of submission etc.): The SAP will be submitted prior to sampling.

Signature of **EPA Site Assessment Manager (SAM), Remedial Project Manager (RPM), or On Scene Coordinator (OSC)** to signify approval of this analytical service request.

Signature: Kenneth Shewmake Date: 4/2/2019

To most efficiently obtain laboratory capability for your request, please address the following considerations. Incomplete or erroneous information may result in a delay in the processing of your request.

1. General description of analytical services requested: (QA/R5 - Element B1)

Matrix	Analysis	Number of Samples (without QC) high/low conc	Field QC Samples	
			How many?	Type?
Soil	Volatiles	6	1	Duplicate
	Semivolatiles	6	1	Duplicate
	Aroclor	6	1	Duplicate
	Metals including mercury	57	6	Duplicate
	Cyanide	57	6	Duplicate
Sediment	Volatiles	2	1	Duplicate
	Semivolatiles	2	1	Duplicate
	Aroclor	2	1	Duplicate
	Metals including mercury	20	2	Duplicate
	Cyanide	20	2	Duplicate
Water	Volatiles (Low)	2	2 2 1	Equipment Blank Trip Blank Duplicate
	Semivolatiles	2	2 1	Equipment Blank Duplicate
	Aroclor	2	2 1	Equipment Blank Duplicate
	Metals including mercury (total)	20	5 2	Equipment Blank Duplicate
	Dissolved Metals including mercury	20	2	Duplicate
	Cyanide	20	5 2	Equipment Blank Duplicate

Additional description (areas where samples are being collected etc.):

2. Analytical protocol required (analytical method & method number, extraction or digestion method & method number, CLP SOW reference, for each matrix if required, etc.): (QA/R5 - Element B4)

Current CLP methods (04/06/16) are: Organics by SOM02.4 and Inorganics ISM02.4

Matrix	Analysis	Methods
Soil	Volatiles	5035 + SOM02.4 (Low Soil)
	Semivolatiles	SOM02.4 (Low Soil)
	Aroclor	SOM02.4 (Low Soil)

	Metals including mercury	ISM02.4/ICP-MS (with ICP-AES for salts only)
	Cyanide	ISM02.4
Sediment	Volatiles	5035 + SOM02.4 (Low Soil)
	Semivolatiles	SOM02.4 (Low Soil)
	Aroclor	SOM02.4 (Low Soil)
	Metals including mercury	ISM02.4/ICP-MS (with ICP-AES for salts only)
Water	Volatiles	SOM02.4 Trace Water
	Semivolatiles	SOM02.4 (Low Water)
	Aroclor	SOM02.4 (Low Water)
	Metals, including mercury	ISM02.4/ICP-MS (with ICP-AES for salts only)
	Cyanide	ISM02.4

Additional Information:

3. CLP Modified Analysis Clause - The latest Statement of Works (SOWs), includes a modified analysis clause. The modified analysis allows the regions to request minor changes to current SOW analytical methods in order to meet specific field site requirements. The changes are limited in scope and must be approved by the EPA CLP Program Manager and Contracting Officer before implementation. Information must be submitted **three weeks** prior to the sampling event. The information the client must submit three weeks prior to the sampling event are; Lab Request Form and the approved sampling plan/QAPP.

	# of low conc. soils	# of medium conc. soils		Type of Vials	# of low conc. soils	# of medium conc. soils
Three 5-gram coring tool devices (e.g., EnCore) samplers	7					

4. Analytical results required (specify laboratory documentation and reporting requirements, reporting units, format requirements, etc.): (QA/R5 - Elements A6 and B4)

   Standard CLP and/or EPA Region 6 Houston Lab deliverable

5. Data requirements (reporting limits; per analyte per matrix; reporting units; applicable reference levels, etc.): (QA/R5 - Elements A7, B1, and B4) (Attach extra pages if necessary) For CLP capabilities - http://www.epa.gov/superfund/programs/clp/facts.htm. For Region 6 Laboratory capabilities - http://www.epa.gov/earth1r6/6lab/r6lab.htm

   a. Compounds/chemicals of concern (Action levels etc.) – **Required information – List the compounds/analytes driving the investigation and the action level required to meet DQO's.**

Parameters	Action Levels/Detection Limits	
	Soil/Sediment (mg/kg)	Water (µg/L)
Chromium	1.0	10

Lead	1.0	10
Mercury	0.1	0.2
Cyanide	0.5	10

6. QC Requirements (PE samples & frequency, spikes, duplicates, blanks, & frequency)

QC Type	Frequency	QC Limits
Trip Blank	1 per cooler containing aqueous VOC samples	
Duplicate	1 per 10	
Matrix Spike	1 per 20	